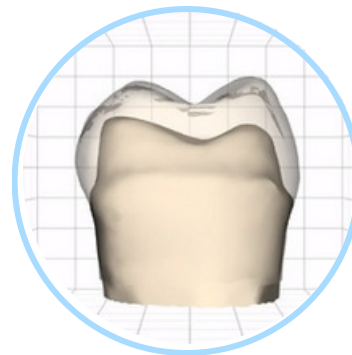


DenTeach™ PrepScanner


A dental scanner that not only accurately grades students' work, but also employs robotic technology. This cutting-edge technology has the potential to transform dental education and provide students with immediate feedback on their work, enabling them to refine their skills and gain a deeper understanding of dental practices.



DT-PrepScanner is an automated device that uses robotic mechanisms and laser-sensing technology to measure and generate 2D and 3D models of dental preps in interactive software. Instructors can quickly grade students' preps by clicking on different sides of the prep using digital files uploaded by the scanner. Standard rubrics are provided, but instructors can also create custom rubrics. Students can compare their work with the instructor's prep and intact tooth to identify dental imperfections and enhance their learning curve.



2D & 3D Rendering



Preparation	2	
Preparation Margin angle	2	
Preparation		
Occlusal wall	2	0.897
Buccal wall	2	0.017
Mesial wall	2	0.014
Palatal wall	2	0.238
Distal wall	1	0.35
Total Score		20

Grading Report



Prep Tooth



- Fast, accurate and objective grading on tooth preps
- Library of customized grading rubrics
- Anywhere access to a virtual tutor
- Saves time and effort for instructors
- Allows students to practice and self-assess

EASY-TO-USE TOOTH PREP MEASURING DEVICE



Log in, select rubric & resolution



Insert tooth to scan



Start scanning and setting



Grade, statistics and report

→ Benefits for instructor

- Optimized instructor time
- Students scan their own tooth prep and submit it for the instructor's review
- Simultaneous tooth prep scanning (faster than a manual method)
- Automatic laser scan ensures accuracy and standardized measurements and gradings
- Library of standard and customizable rubrics Students' results stored in easy-to-access cloud

→ Benefits for students

- Self-assessment anywhere, anytime, in the lab or at home
- Anytime access to:
 - Instructor's prep
 - Virtual tutor
- Digital rubrics
- Side-by-side comparison of:
 - Instructor's prep vs student's prep
 - Intact prep vs student prep

Available Course Rubrics

- Class I Amalgam Preparation
- Class II Amalgam Preparation
- Class V Amalgam Preparation
- Class VI Amalgam Preparation
- Class III Cavity Preparation
- Class IV Cavity Preparation
- PFM Crown Preparation
- Onlay Tooth Preparation
- Inlay Tooth Preparation
- Custom-made Rubrics

As an add-on for DenTeach™

Mark & self-assess via inserting the tooth

PrepScanner can seamlessly integrate with DenTeach™ advanced teaching platform



✉ info@denteach.ca

🌐 www.denteach.ca/denteach-prepscanner

BOOK A DEMO TODAY

1-888-822-7621

1-888-TAC-ROB1

